

0570
0925 #12

ENTERED



OIIPE

RAW SEQUENCE LISTING

DATE: 09/10/2002

PATENT APPLICATION: US/09/971,773

TIME: 13:07:18

Input Set : A:\seq list to file.txt

Output Set: N:\CRF4\09102002\I971773.raw

```

3 <110> APPLICANT: Yutaka KANDA
4 Mitsuo SATOH
5 Kazuyasu NAKAMURA
6 Kazuhisa UCHIDA
7 Toyohide SHINKAWA
8 Naoko YAMANE
9 Motoo YAMASAKI
10 Nobuo HANAI
12 <120> TITLE OF INVENTION: ANTIBODY COMPOSITION-PRODUCING CELL
14 <130> FILE REFERENCE: 249-202
C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/971,773
C--> 17 <141> CURRENT FILING DATE: 2002-08-30
19 <150> PRIOR APPLICATION NUMBER: JP 2000-308526
20 <151> PRIOR FILING DATE: 2000-10-06
22 <150> PRIOR APPLICATION NUMBER: US 60/268,926
23 <151> PRIOR FILING DATE: 2001-02-16
25 <160> NUMBER OF SEQ ID NOS: 73
27 <170> SOFTWARE: PatentIn Ver. 2.1
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 2008
31 <212> TYPE: DNA
32 <213> ORGANISM: Cricetulus griseus
34 <400> SEQUENCE: 1
35 aacagaaact tatcttctg tgtggctaac tagaaccaga gtacaatgtt tccaattctt 60
37 tgagctccga gaagacagaa gggagttgaa actctgaaaa tgcgggcatg gactgggtcc 120
39 tggcggttga ttatgctcat tctttttgcc tgggggacct tattgtttta tatagggtgg 180
41 catttggttc gagataatga ccacctgac cattctagca gagaactctc caagattctt 240
43 gcaaagctgg agcgcttaaa acaacaaaat gaagacttga ggagaatggc tgagtctctc 300
45 cgaataaccag aaggccctat tgatcagggg acagctacag gaagagtcgg tgttttagaa 360
47 gaacagcttg ttaaggccaa agaacagatt gaaaattaca agaaacaagc taggaatgat 420
49 ctgggaaagg atcatgaaat cttaaggagg aggattgaaa atggagctaa agagctctgg 480
51 ttttttctac aaagtgaatt gaagaaatta aagaaattag aaggaaacga actccaaaga 540
53 catgcagatg aaattctttt ggatttagga catcatgaaa ggtctatcat gacagatcta 600
55 tactacctca gtcaaacaga tggagcaggt gagtggcggg aaaaagaagc caaagatctg 660
57 acagagctgg tccagcggag aataacatat ctgcagaatc ccaaggactg cagcaaagcc 720
59 agaaagctgg tatgtaatat caacaaaggc tgtggctatg gatgtcaact ccatcatgtg 780
61 gtttactgct tcatgattgc ttatggcacc cagcgaacac tcatcttggg atctcagaat 840
63 tggcgctatg ctactggagg atgggagact gtgttttagc ctgtaagtga gacatgcaca 900
65 gacaggtctg gacctctcac tggacactgg tcaggtgaag tgaaggacaa aaatgttcaa 960
67 gtggtcagc tcaccttatt agacagcctc catcctctgc ctcttactt acccttggct 1020
69 gtaccagaag accttgacga tgcactctg agagtccatg gtgatcctgc agtgtgggtg 1080
71 gtatcccagt ttgtcaaata cttgatccgt ccacaacctt ggctggaaag ggaaatagaa 1140
73 gaaaccacca agaagcttgg cttcaaacat ccagttattg gagtccatgt cagacgcact 1200

```

RAW SEQUENCE LISTING

DATE: 09/10/2002

PATENT APPLICATION: US/09/971,773

TIME: 13:07:18

Input Set : A:\seq list to file.txt

Output Set: N:\CRF4\09102002\I971773.raw

```

75 gacaaagtgg gaacagaagc agccttccat cccattgagg aatacatggt acacgttgaa 1260
77 gaacattttc agcttctcga acgcagaatg aaagtggata aaaaaagagt gtatctggcc 1320
79 actgatgacc cttctttgtt aaaggaggca aagacaaagt actccaatta tgaatttatt 1380
81 agtgataact ctatttcttg gtcagctgga ctacacaacc gatacacaga aaattcactt 1440
83 cggggcgtag tcttgatgat acactttctc tcccaggctg acttcttctg gtgtactttt 1500
85 tcattcccagg tctgtagggt tgcttatgaa atcatgcaa cactgcatcc tgatgcctct 1560
87 gcaaaacttc attctttaga tgacatctac tattttggag gccaaaatgc ccacaaccag 1620
89 attgcagttt atcctcacca acctcgaaact aaaggaggaaa tccccatgga acctggagat 1680
91 atcattggtg tggctggaaa ccattggaat gggtactcta aagggtgtcaa cagaaaaacta 1740
93 ggaaaaaacag gcctgtaccc ttctacaaa gtccgagaga agatagaaac agtcaaatac 1800
95 cctacatatc ctgaagctga aaaatagaga tggagtgtaa gagattaaca acagaattta 1860
97 gttcagacca tctcagccaa gcagaagacc cagactaaca tatggttcat tgacagacat 1920
99 gctccgcacc aagagcaagt gggaaccctc agatgctgca ctggtggaac gcctctttgt 1980
101 gaagggctgc tgtgccctca agcccatg                                     2008
104 <210> SEQ ID NO: 2
105 <211> LENGTH: 1728
106 <212> TYPE: DNA
107 <213> ORGANISM: Mus musculus
109 <400> SEQUENCE: 2
110 atgcgggcat ggactggttc ctggcggttg attatgctca ttctttttgc ctgggggacc 60
112 ttgttatttt atataggttg tcatttgggt cgagataatg accaccctga tcactccagc 120
114 agagaactct ccaagattct tgcaaaagctt gaacgcttaa aacagcaaaa tgaagacttg 180
116 aggcgaatgg ctgagttctt ccgaatacca gaaggcccca ttgaccaggg gacagctaca 240
118 ggaagagtcc gtgttttaga agaacagctt gttaaggcca aagaacagat tgaaaattac 300
120 aagaaacaag ctagaaatgg tctggggaag gatcatgaaa tcttaagaag gaggattgaa 360
122 aatggagcta aagagctctg gttttttcta caaagcgaac tgaagaaatt aaagcattta 420
124 gaaggaaatg aactccaaag acatgcagat gaaattcttt tggatttagg acaccatgaa 480
126 aggtctatca tgacagatct atactacctc agtcaaacag atggagcagg ggattggcgt 540
128 gaaaaagagg ccaagatctt gacagagctg gtccagcgga gaataacata tctccagaat 600
130 cctaaggact gcagcaaagc cagggaagctg gtgtgtaaca tcaataaagg ctgtggctat 660
132 ggttgtaaac tccatcacgt ggtctactgt tcatgattg cttatggcac ccagcgaaca 720
134 ctcatcttgg aatctcagaa ttggcgctat gctactggtg gatgggagac tgtgtttaga 780
136 cctgtaagtg agacatgtac agacagatct ggccctctcca ctggacactg gtcagggtgaa 840
138 gtaaatgaca aaaacattca agtggctcag ctccccattg tagacagcct ccattcctcg 900
140 cctccttact taccactggc tgttccagaa gaccttgca accgactcct aagagtccat 960
142 ggtgaccctg cagtgtgggt ggtgtcccag tttgtcaaat acttgattcg tccacaacct 1020
144 tggctggaaa aggaatatga agaagccacc aagaagcttg gcttcaaaca tccagttatt 1080
146 ggagtccatg tcagacgcac agacaaagt ggaacagaag cagccttcca cccatcgag 1140
148 gagtacatgg tacacgttga agaacatttt cagcttctcg cagcgagaat gcaagtggat 1200
150 aaaaaaagag tatatctggc tactgatgat cctactttgt taaaggaggc aaagacaaaag 1260
152 tactccaatt atgaatttat tagtgataac tctatttctt ggtcagctgg actacacaat 1320
154 cggtagacag aaaattcact tcggggtgtg atcctggata tacactttct ctacaggct 1380
156 gactttctag tgtgtacttt ttcattcccag gtctgtcggg ttgcttatga aatcatgcaa 1440
158 acctgcac ctgatgcctc tgcgaacttc cattctttgg atgacatcta ctattttgga 1500
160 ggccaaaatg cccacaatca gattgctgtt tctctcaca aacctcgaa tgaagaggaa 1560
162 attccaatgg aacctggaga tatcattggt gtggctggaa accattggga tggttattct 1620
164 aaaggatatc acagaaaact tggaaaaaca ggcttatatc cctcctacaa agtccgagag 1680
166 aagatagaaa cagtcaagta tcccacatat cctgaagctg aaaaatag                                     1728
169 <210> SEQ ID NO: 3

```

RAW SEQUENCE LISTING

DATE: 09/10/2002

PATENT APPLICATION: US/09/971,773

TIME: 13:07:18

Input Set : A:\seq list to file.txt

Output Set: N:\CRF4\09102002\I971773.raw

170 <211> LENGTH: 9196

171 <212> TYPE: DNA

172 <213> ORGANISM: *Cricetulus griseus*

174 <400> SEQUENCE: 3

```

175 tctagaccag gctggtctcg aactcacaga gaaccacctg cctctgccac ctgagtgtctg 60
177 ggattaaagg tgtgcaccac caccgcccgg cgtaaaatca ttttttgaa tattgtgata 120
179 atttacatta taattgtaag taaaaatttt cagcctattt tgttatacat ttttgcgtaa 180
181 attattcttt tttgaaagtt ttgttggtcca taatagtcta gggaaacata aagttataat 240
183 ttttgtctat gtatttgcac atatatctat ttaatctcct aatgtccagg aaataaatag 300
185 ggtatgtaat agcttcaaca tgtggtatga tagaattttt cagtgtctata taagttgtta 360
187 cagcaaagtg ttattaattc atatgtccat atttcaattt tttatgaatt attaaattga 420
189 atccttaagc tgccagaact agaattttat tttaatcagg aagccccaaa tctgttcatt 480
191 ctttctatat atgtggaaag gtaggcctca ctaactgatt cttcacctgt tttagaacat 540
193 ggtccaagaa tggagttatg taaggggaat tacaagtgtg agaaaactcc tagaaaacaa 600
195 gatgagtcct gtgaccttag tttctttaaa aacacaaaat tcttggaatg tgttttcatg 660
197 ttcctcccag gtggatagga gtgagtttat ttcagattat ttattacaac tggctgttgt 720
199 tacttgtttc tatgtcttta tagaaaaaca tttttttttt gccacatgca gcttgtcctt 780
201 atgattttat acttgtgtga ctcttaactc tcagagtata aattgtctga tgctatgaat 840
203 aaagttggct attgtatgag acttcagccc acttcaatta ttggcttcat tctctcagat 900
205 cccaccacct ccagagtggg aaacaacttg aaccattaaa cagactttag tctttatttg 960
207 aatgatagat ggggatatca gatttatagg cacagggttt tgagaaaggg agaaggtaaa 1020
209 cagtagagtt taacaacaac aaaaagtata ctttgtaaac gtaaaactat ttattaaagt 1080
211 agtagacaag acattaaata ttctttggga ttagtgcttt ttgaattttg ctttcaaata 1140
213 atagtcaagt agtatacccc tccccatttc tatatttttag cagaaatcag aataaatggg 1200
215 gtttctggta cattcttttg tagagaattt attttctttg ggtttttgtg catttaaagt 1260
217 caataaaaaa taaggttcag taatagaaaa aaaactctga tttttggaat cccctttctt 1320
219 cagcttttct atttaatctc ttaatgataa tttaatttgt ggccatgtgg tcaaagtata 1380
221 tagccttgta tatgtaaagt ttttaaccaa cctgccttta cagtaactat ataattttat 1440
223 tctataatat atgacttttc ttccatagct ttagagttgc ccagtcactt taagttacat 1500
225 tttcatatat gttctttgtg ggaggagata attttatttc taagagaatc ctaagcatat 1560
227 tgattgagaa atggcaaaca aaacacataa ttaaagctga taaagaacga acatttggag 1620
229 tttaaaatac atagccacc ctaagggttta actggttgta gccttctttt ggaattttta 1680
231 ttagttcata tagaaaaatg gattttatcg tgacatttcc atatatgtat ataatatatt 1740
233 tacatcatat ccacctgtaa ttattagtgt ttttaaatat atttgaaaaa ataatggtct 1800
235 ggtttgatcc atttgaacct tttgatgttt ggtgtggttg ccaattgggt gatggttatg 1860
237 ataacctttg cttctctaag gttcaagtca gtttgagaat atgtcctcta aaaatgacag 1920
239 gttgcaagtt aagtagtgag atgacagcga gatggagtga tgagaatttg tagaatgaa 1980
241 ttcacttata ctgagaactt gttttgcttt tagataatga acataattagc ctgaagtaca 2040
243 tagccgaatt gattaattat tcaaagatat aatcttttaa tccctataaa agagggtatta 2100
245 cacaacaatt caagaaaagat agaattagac ttccagtatt ggagtgaacc atttgttatc 2160
247 aggtagaacc ctaacgtgtg tgggtgactt aaagtgttta ctttttacct gatactgggt 2220
249 agctaattgt ctttcagcct cctggccaaa gataccatga aagtcaactt acgttgtatt 2280
251 ctatatctca aacaactcag ggtgtttctt actctttcca cagcatgtag agcccaggaa 2340
253 gcacaggaca agaaagctgc ctcttgtat caccagggaag atctttttgt aagagtcac 2400
255 acagtatacc agagagacta attttgtctg aagcatcatg tgttgaaaca acagaaactt 2460
257 attttcctgt gtggctaact agaaccagag tacaatgttt ccaattcttt gagctccgag 2520
259 aagacagaag ggagttgaaa ctctgaaaat gcgggcatgg actgggtcct ggcgttggat 2580
261 tatgctcatt ctttttgcct gggggacctt attgttttat ataggtgggc atttggttcg 2640
263 agataatgac caccctgacc attctagcag agaactctcc aagattcttg caaagctgga 2700

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/971,773

DATE: 09/10/2002

TIME: 13:07:18

Input Set : A:\seq list to file.txt

Output Set: N:\CRF4\09102002\I971773.raw

```

265 gcgcttaaaa caacaaaatg aagacttgag gagaatggct gagtctctcc ggtaggtttg 2760
267 aaataactcaa ggatttgatg aaatactgtg cttgaccttt aggtataggg tctcagtcctg 2820
269 ctgttgaaaa atataatttc tacaaccgtt ctttgtaaaa ttttaagtat tgtagcagac 2880
271 tttttaaaag tcagtgatac atctatatag tcaatatagg tttacatagt tgcaatctta 2940
273 ttttgcatat gaatcagtat atagaagcag tggcatttat atgcttatgt tgcattttaca 3000
275 attatgttta gacgaacaca aactttatgt gatttggatt agtgtctcatt aaattttttt 3060
277 attctatgga ctacaacaga gacataaatt ttgaaaggct tagttactct taaattctta 3120
279 tgatgaaaag caaaaattca ttgttaaata gaacagtgc tccggaatgt gggtaattat 3180
281 tgccatattt ctagtctact aaaaattgtg gcataactgt tcaaagtcatt cagttgtttg 3240
283 gaaagccaaa gttctgattta aatggaaaac ataaacaatg atatctattt ctagatacct 3300
285 ttaacttgca gttactgagt ttacaagttg tctgacaact ttggattctc ttacttcata 3360
287 tctaagaatg atcatgtgta cagtgcctac tgtcacttta aaaaactgca gggctagaca 3420
289 tgcagatatg aagactttga cattagatgt ggtaattggc actaccagca agtgggtatta 3480
291 agatacagct gaatatatta ctttttgagg aacataattc atgaatggaa agtggagcat 3540
293 tagagaggat gccttctggc tctccacac cactgtttgc atccattgca tttcacactg 3600
295 cttttagaac tcagatgttt catatggtat attgtgtaac tcaccatcag ttttatcttt 3660
297 aaatgtctat ggatgataat gttgtatgtt aacactttta caaaaacaaa tgaagccata 3720
299 tcctcgggtg gagttgtgat ggtggttaatt gtcacaatag gattattcag caaggaacta 3780
301 agtcaggggac aagaagtggg cgatactttg ttggattaaa tcattttact ggaagttcat 3840
303 cagggagggt tatgaaagt gtggtccttg aactgaaatt atatgtgatt cattattctt 3900
305 gatttaggcc ttgctaatag taactatcat ttattgggaa ttgtcctat gtgccaattt 3960
307 gtcattgggc agacagcgtg ttttactgaa ttcttagata tctttatgag attctagtag 4020
309 tgttttcagc cattttacag atgaagaatc ttaaaaaatg ttaataaatt tagtttgccc 4080
311 aagattatac gttaacaaat ggtagaacct tctttgaatt ctggcagtat ggctacacag 4140
313 tccgaactct tatcttcccta agctgaaaac agaaaaagca atgaccaga aaattttatt 4200
315 taaaagtctc aggagagact tcccactctg agaagatctc ttttcccttt tataatttag 4260
317 gtcctgaat aatcactgaa ttttctccat gttccatcta tagtactgtt atttctgttt 4320
319 tccttttttc ttaccacaaa gtatcttggt tttgctgtat gaaagaaaat gtgttattgt 4380
321 aatgtgaaat tctctgtccc tgcagggtcc cacatccgcc tcaatcccaa ataaacacac 4440
323 agaggctgta ttaattatga aactgttggt cagttggcta gggcttctta ttggctagct 4500
325 ctgtcttaat tattaaccca taactactat tgtaagtatt tccatgtggt cttatcttac 4560
327 caaggaaagg gtccagggac ctcttaetcc tctggcgtgt tggcagtga gaggagagag 4620
329 cgatttccta tttgtctctg cttattttct gattctgtct agctatgtca cttcctgcct 4680
331 ggccaatcag ccaatcagtg ttttattcat tagccaataa aagaaacatt tacacagaag 4740
333 gacttcccc atcatgttat ttgtatgagt tcttcagaaa atcatagtat cttttaatac 4800
335 taatttttat aaaaaattaa ttgtattgaa aattatgtgt atatgtgtct gtgtgtcgat 4860
337 ttgtgtctcat aagtagcatg gagtgcagaa gagggaaatc gatctttttt taagggacaa 4920
339 agagtttatt cagattacat tttaagggtg taatgtatga ttgcaagggt atcaacatgg 4980
341 cagaaatgtg aagaagctgg tcacattaca tccagagtca agagtagaga gcaatgaatt 5040
343 gatgcatgca ttctgtgct cagctcactt ttcttgagc tgagctgatt gtaagccatc 5100
345 tgatgtcttt gctgggaact aactcaaagg caagttcaaa acctgttctt aagtataagc 5160
347 catctctcca gtccctcata tggctcttta agacactttc tttatattct tgtacataga 5220
349 aattgaattc ctaacaaactg cattcaaatt acaaaatagt ttttaaaagc tgatataata 5280
351 aatgtaaata caatctagaa cattttttata aataagcata ttaactcagt aaaaataaat 5340
353 gcatggttat tttccttcat tagggaagta tgtctcccca ggctgttctc tagattctac 5400
355 tagtaatgct gtttgtacac catccacagg ggttttattt taaagctaag acatgaatga 5460
357 tggacatgct ttttagcatt tagacttttt tccttactat aattgagcta gtatttttgt 5520
359 gctcagtttg atatctgtta attcagataa atgtaatagt aggtaatctt tttgtgataa 5580
361 aggcataata attgaagttg gaaaacaaaa gcctgaaatg acagttttta agattcagaa 5640

```

RAW SEQUENCE LISTING

DATE: 09/10/2002

PATENT APPLICATION: US/09/971,773

TIME: 13:07:18

Input Set : A:\seq list to file.txt

Output Set: N:\CRF4\09102002\I971773.raw

```

363 caataatattt caaaagcagt taccacaactt tccaaatata atctgcagtt ttcttgatat 5700
365 gtgataaatt tagacaaaga aatagcacat tttaaaatag ctattttactc ttgatttttt 5760
367 tttcaaattt aggetagtgc actagttgtg tgtaaggtta tggetgcaaa catctttgac 5820
369 tcttggttag ggaatccagg atgatttacg tgtttgccca aaatcttggt ccattctggg 5880
371 tttcttctct atctaggtag ctagcacaaag ttaaagggtg ggtagtattg gaaggctctc 5940
373 aggtatatat ttctatatcc tgtatttttt tccctctgtca tatatttgct ttctgtttta 6000
375 ttgatttcta ctgtttagttt gatacttact ttcttacctt ttctttggga tttattttgc 6060
377 tgttctaaga tttcttagca agttcatatc actgatttta acagttgctt cttttgtaat 6120
379 atagactgaa tgcccttat ttgaaatgct tgggacaga aactcagatt tgaacttttc 6180
381 ttttttaata tttccatcaa gtttaccagc tgaatgtcct gatccaagaa tatgaaatct 6240
383 gaaatgcttt gaaatctgaa acttttagag tgataaagct tccctttaaa ttaatttggtg 6300
385 ttctatatatt tttgacaatg tcaacctttc attgttatcc aatgagtga catattttca 6360
387 atttttttgt ttgactgtt atattttgat ctgaccatat ttataaaatt ttattttaatt 6420
389 tgaatgttgt gctgttactt atctttatta ttatttttgc ttattttcta gccaaatgaa 6480
391 attatattct gtattatttt agtttgaatt ttactttgtg gcttagtaac tgccttttgt 6540
393 tgggtgaatgc ttaagaaaaa cgtgtggtct actgatattg gttctaactc tatatagcat 6600
395 gttgttttgt aggtagtga ttatgctggt cagattgtct tgagtttatg caaatgtaa 6660
397 atatttagat gcttgttttg ttgtctaaga acaaagtatg cttgctgtct cctatcgggt 6720
399 ctggtttttc cattcatctc ttcaagctgt ttgtgtgtt gaataactaac tccgtactat 6780
401 cttgtttttc gtgaattaac cctttttcaa aggtttcttt tctttttttt ttttaaggac 6840
403 aacaagttta ttcagattac attttaagct gataatgtat gattgcaagg ttatcaacat 6900
405 ggcagaaatg tgaagaagct aggcacatta catccacatg gagtcaagag cagagagcag 6960
407 tgaattaatg catgcattcc tgtggtcagc tcacttttcc tattcttaga tagtctagga 7020
409 tcataaacct ggggaatagt gctaccacaa tgggcatatc cacttacttc agttcatgca 7080
411 atcaaccaag gcacatccac aggaaaaact gatttagaca acctctcatt gagactcttc 7140
413 ccagatgatt agactgtgtc aagttgacaa ttaaaactat cacacctgaa gccatcacta 7200
415 gtaaatataa tgaaaatgtt gattatcacc ataattcacc tgtatccctt tgttattgta 7260
417 gattttgtga agttcctatt caagtcctctg ttccttccct aaaaacctgt tttttagtta 7320
419 aataggtttt ttagtgttcc tgtctgtaaa tactttttta aagttagata ttattttcaa 7380
421 gtatgttctc ccagtctttg gcttgtattt tcatcccttc aatacatata tttttgtaat 7440
423 ttattttttt tatttaaatt agaaacaaag ctgcttttac atgtcagtc cagttccctc 7500
425 tccctccctt cctccctctg tccccaccta agccccaatt ccaactcctt tcttctcccc 7560
427 aggaagggtg aggccctcca tgggggaaat cttcaatgtc tgtcatatca tttggagcag 7620
429 ggcctagacc ctcccagtg tgtctaggct gagagagtat cctctatgt ggagagggtg 7680
431 cccaaagtcc atttgtgtac taggggtaaa tactgatcca ctatcagtgg ccccatagat 7740
433 tgtccggacc tccaaactga cttcctcctt caggaggtct ggaacagttc tatgctggtt 7800
435 tcccagatat cagtctgggg tccatgagca accccttgtt caggtcagtt gtttctgtag 7860
437 gtttccccag cccggtcttg acccctttgc tcatcacttc tccctctctg caactggatt 7920
439 ccagagttca gctcagtgtt tagctgtggg tgtctgcac tgcctccatc agctactgga 7980
441 tgagggtctc aggatggcat ataaggtagt catcagtcctc attatcagag aagggtcttt 8040
443 aaggtagcct cttgattatt gcttagattg ttagtgggg tcaaccttgt aggtctctgg 8100
445 acagtgcacg aattctcttt aaacctataa tggctccctc tgtggtggt tcccttttct 8160
447 tgcctctcatc cgttctctcc ctgactagat cttctgtct cctcatgtcc tccctctccc 8220
449 tccctctctc ccttctctt tcttctaact cctctcccc tccaccacg atccccatta 8280
451 gcttatgaga tcttgtcctt attttagcaa aacctttttg gctataaaat taattaattt 8340
453 aatatgctta tatcagggtt attttggcta gtattgtat gtgtttgggt agtgttttta 8400
455 accttaattg acatgtatcc ttatattag acacagattt aaatatgtga agtttttttt 8460
457 tttttttttt ttaaagattt atttattttt tatgtcttct gcctgcagtc cagaagaggg 8520
459 caccagatct cattcaaggt ggttgtgagc caccatgtgg ttgctgggaa ttgaaactcag 8580

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/971,773

DATE: 09/10/2002

TIME: 13:07:19

Input Set : A:\seq list to file.txt

Output Set: N:\CRF4\09102002\I971773.raw

L:16 M:270 C: Current Application Number differs, Replaced Application Number

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date